

Amendments to Abstract:

ABSTRACT

Electromagnetic device for fusion and interfacial agitation of diphasic systems, particularly for the acceleration of metallurgic or pyrochemical processes-

—~~This device comprises, which includes~~ for example a crucible (2, 28), to contain a diphasic system, an inductor (4) surrounding this crucible, and ~~means (18)~~ a circuit for the supply of the inductor by a current with two components, namely a high frequency component which melts the phases of the system and a low frequency component which agitates the interface (12) of the phases.

Figure 2.

REPLACEMENT PAGE

ABSTRACT

Electromagnetic device for fusion and interfacial agitation of diphase systems, particularly for the acceleration of metallurgic or pyrochemical processes, which includes for example a crucible to contain a diphase system, an inductor surrounding this crucible, and a circuit for the supply of the inductor by a current with two components, namely a high frequency component which melts the phases of the system and a low frequency component which agitates the interface of the phases.